

King County DNRP Water Quality Index

STATION **A690** WATER YEAR **2018**

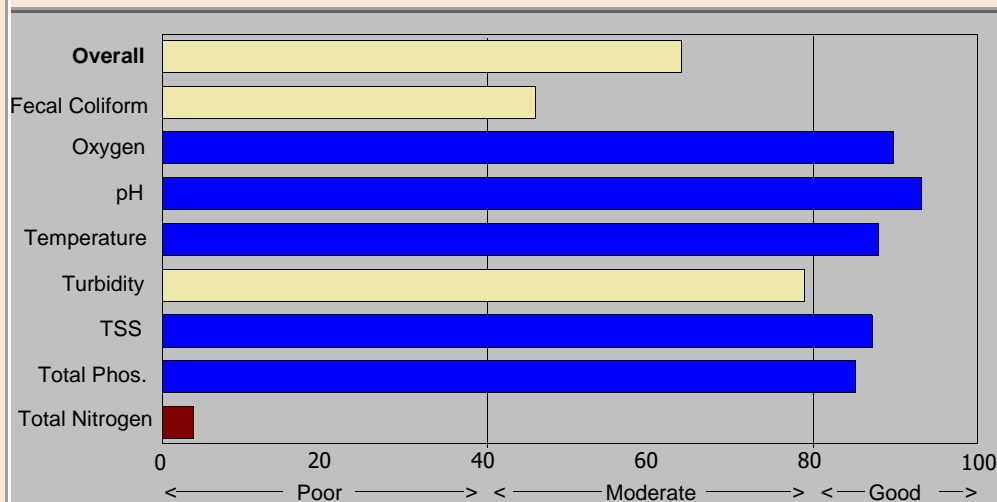
GAUGE # 15g George Davis Creek

Overall Index 64

King County began sampling water quality in George Davis Creek (often called Eden Creek) in 1987 at station A690, located at 635 East Lake Sammamish Shore Lane just downstream from the railroad tracks. Sampling was discontinued in 2009 when budget cutbacks forced a reduction in the water quality monitoring program. Sampling resumed again in 2014. The creek is located at the northeast side of Lake Sammamish, within the City of Sammamish in the Inglewood subbasin. Only about 100 feet of George Davis Creek is currently accessible to kokanee and provides potential spawning habitat as the connection between George Davis (Eden) Creek and the lake is highly altered. The creek is on the Washington State Department of Ecology's 303(d) list, Category 5, for violations of the fecal coliform bacteria standard.

Annual Water Quality Index Scores

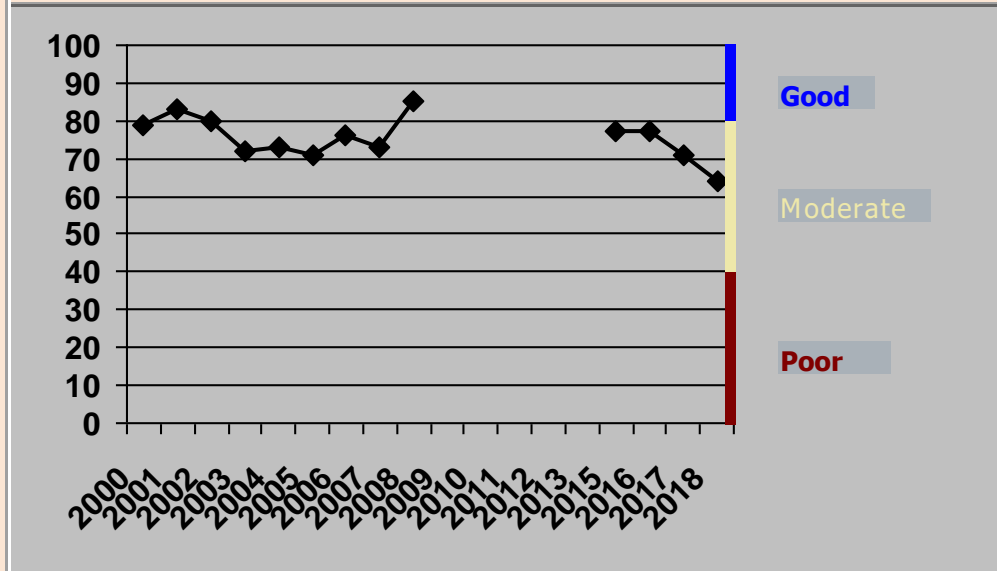
Water quality was MODERATE based on data collected 10/1/2017 to 9/30/2018.



Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
69	94	98	93	99	98	94	94	94	68	56	83

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>